

FIG. 1A

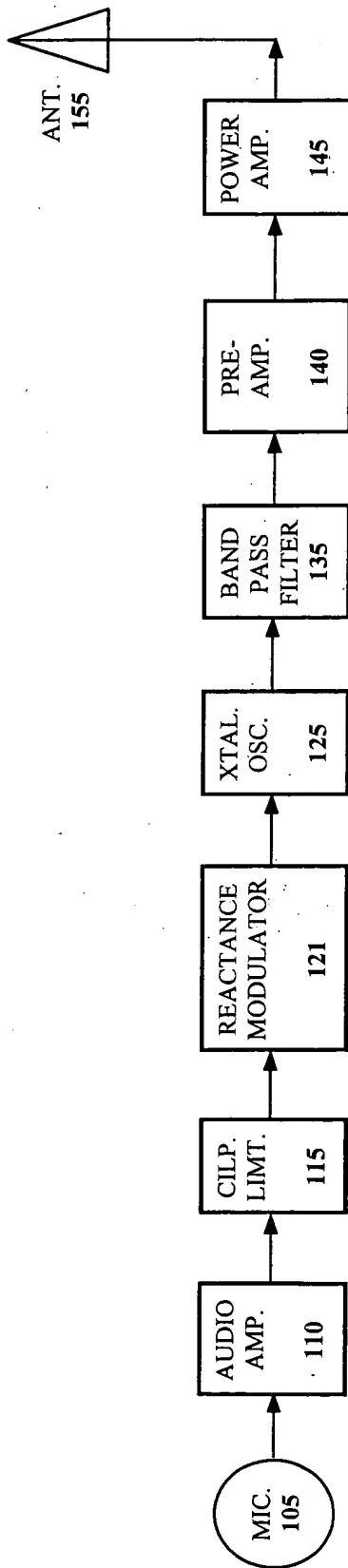


FIG. 1B

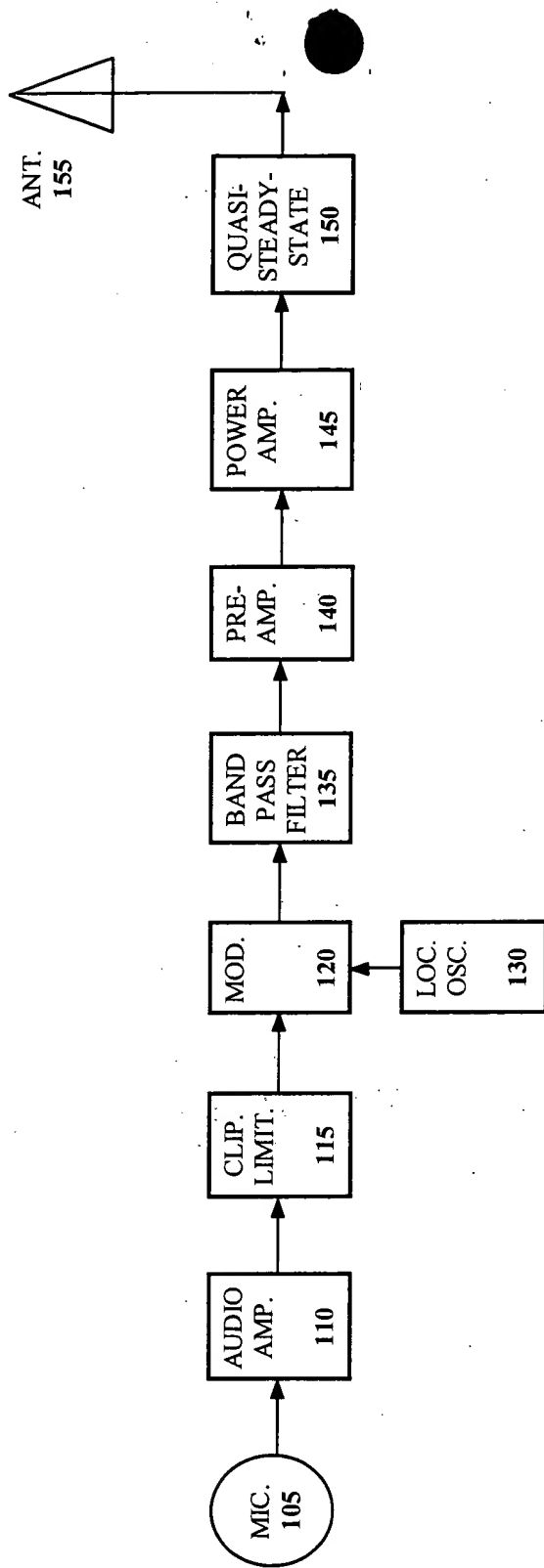


FIG. 2

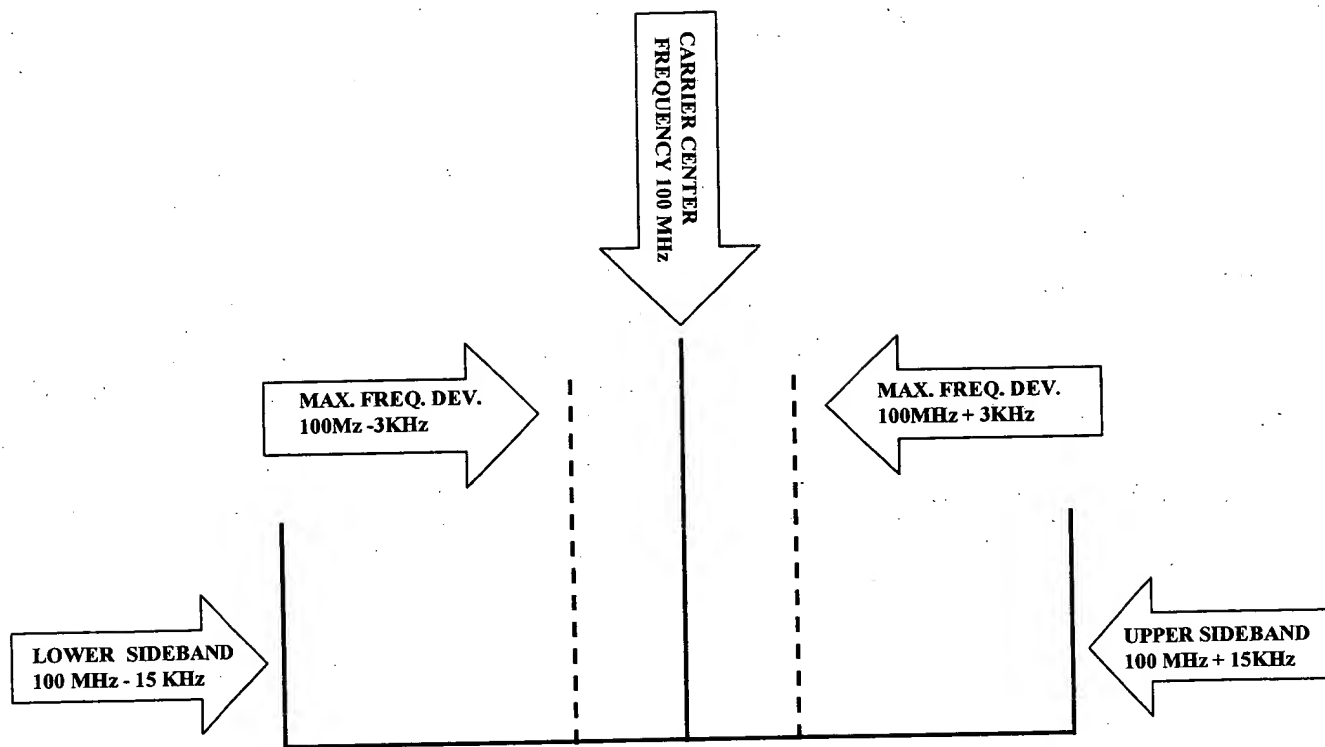


FIGURE No. 3 A
CARRIER FREQUENCY 100 MHz. MODULATING
FREQUENCY 15 KHz MODULATION INDEX 0.2

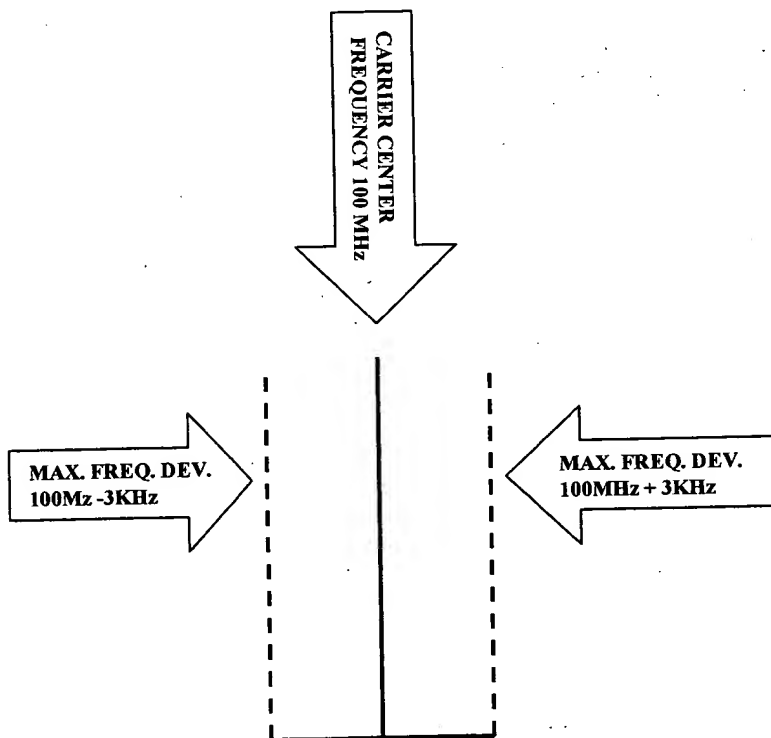


FIGURE No. 3 B SUPPRESSED SIDEBANDS
CARRIER FREQUENCY 100 MHz. MODULATING
FREQUENCY 15 KHz MODULATION INDEX 0.2

1004999-000404

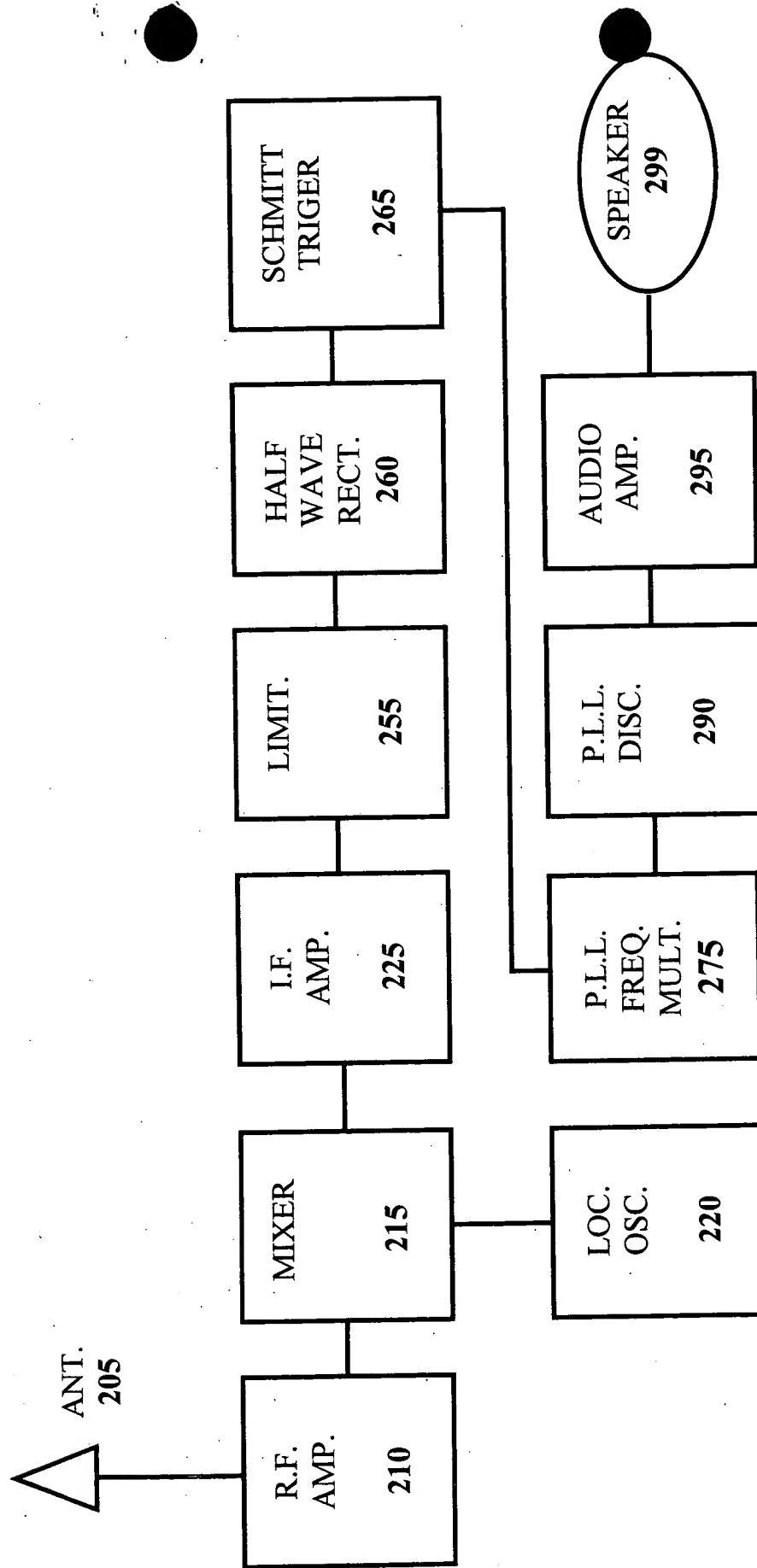


FIG. 4

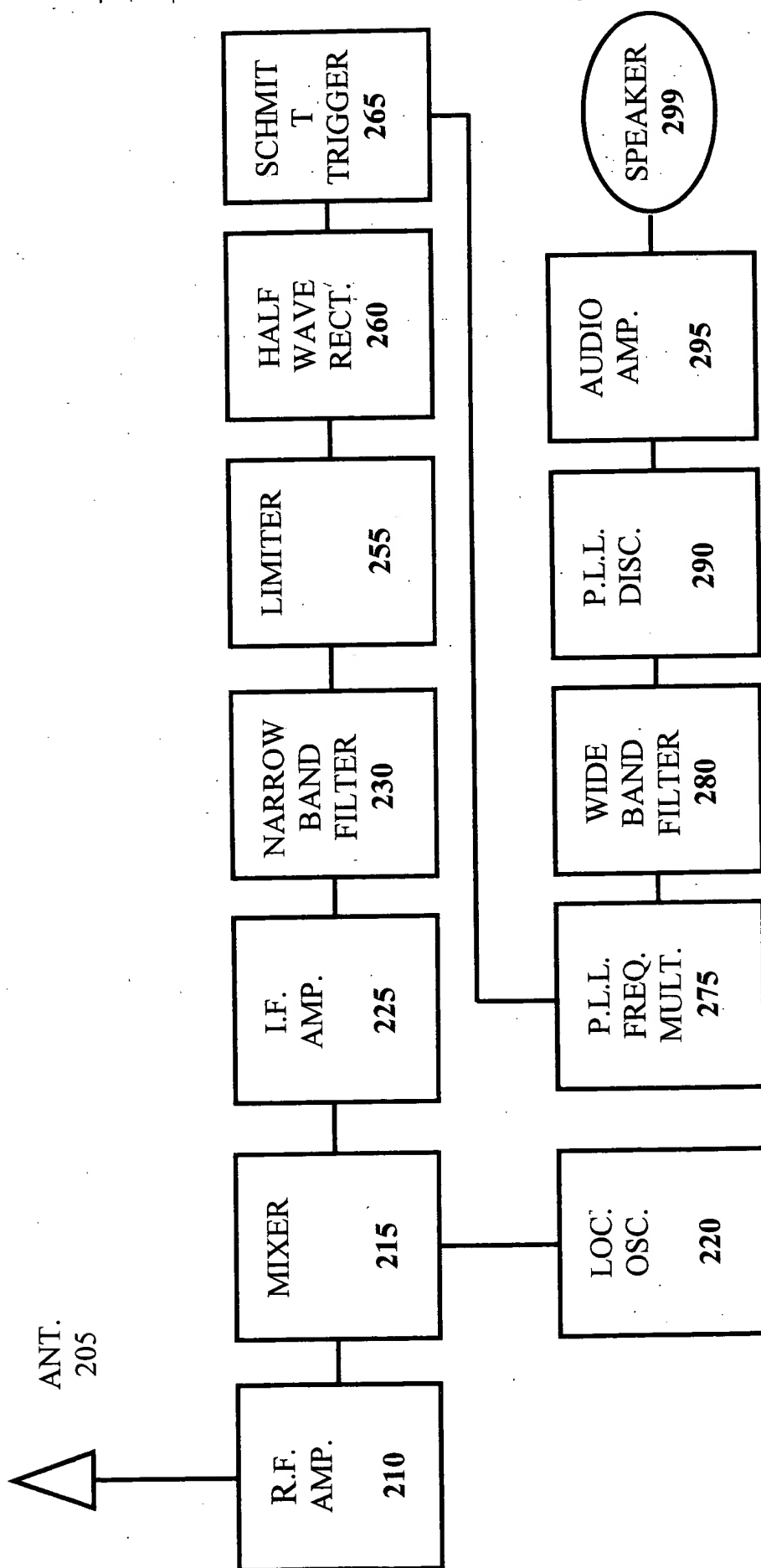


FIG. 5

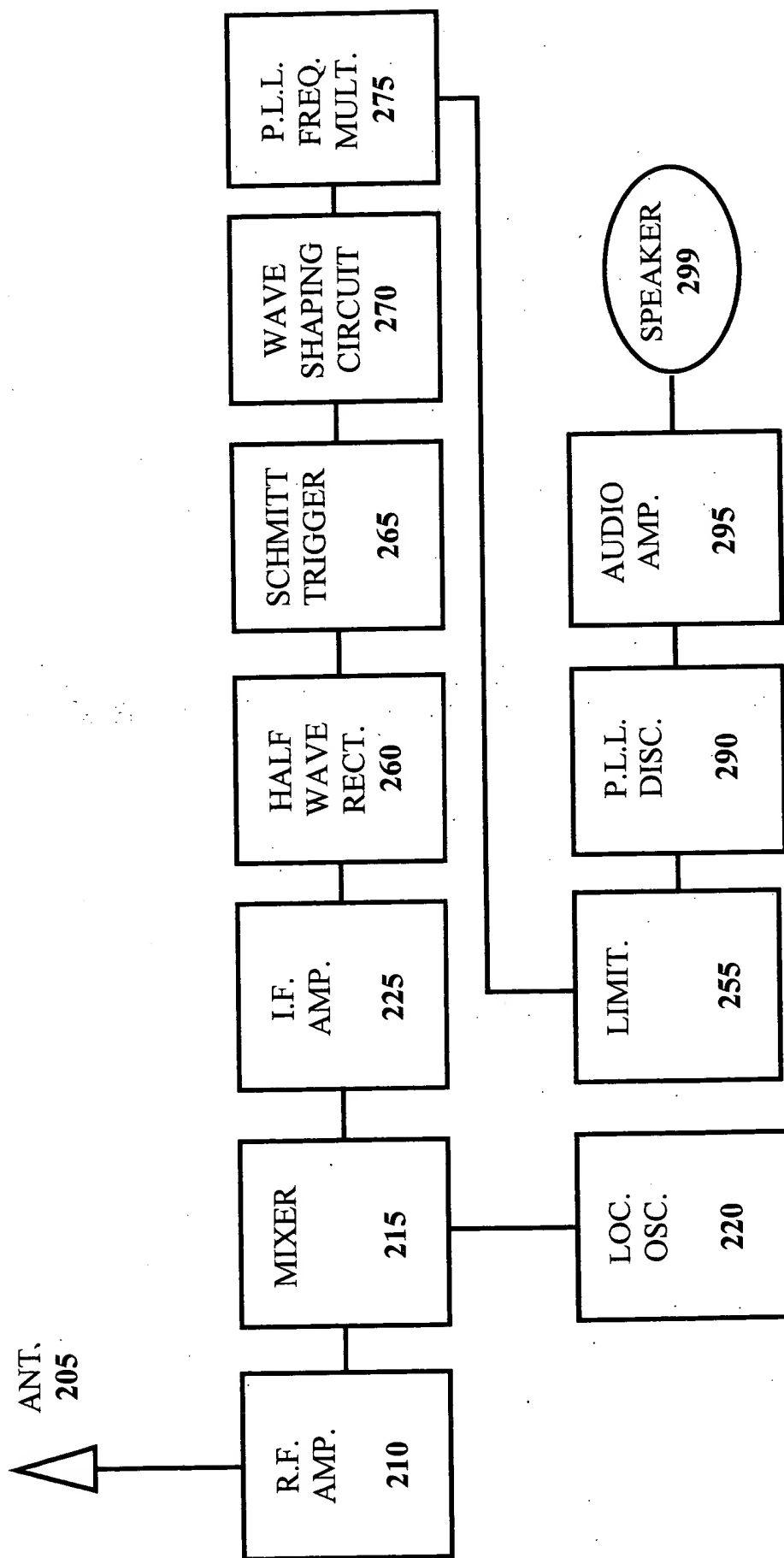


FIG. 6

ANT.
205

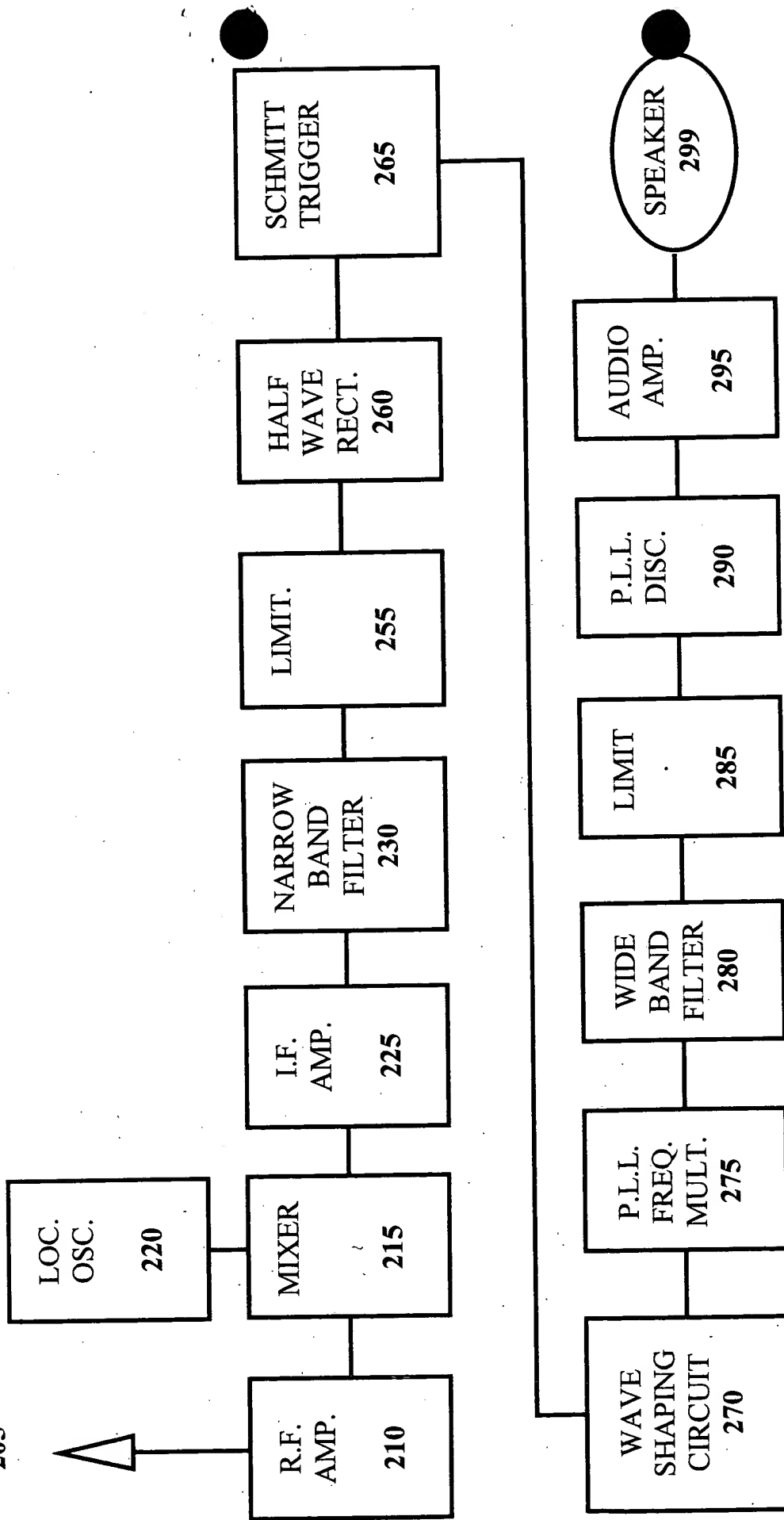


FIG. 7

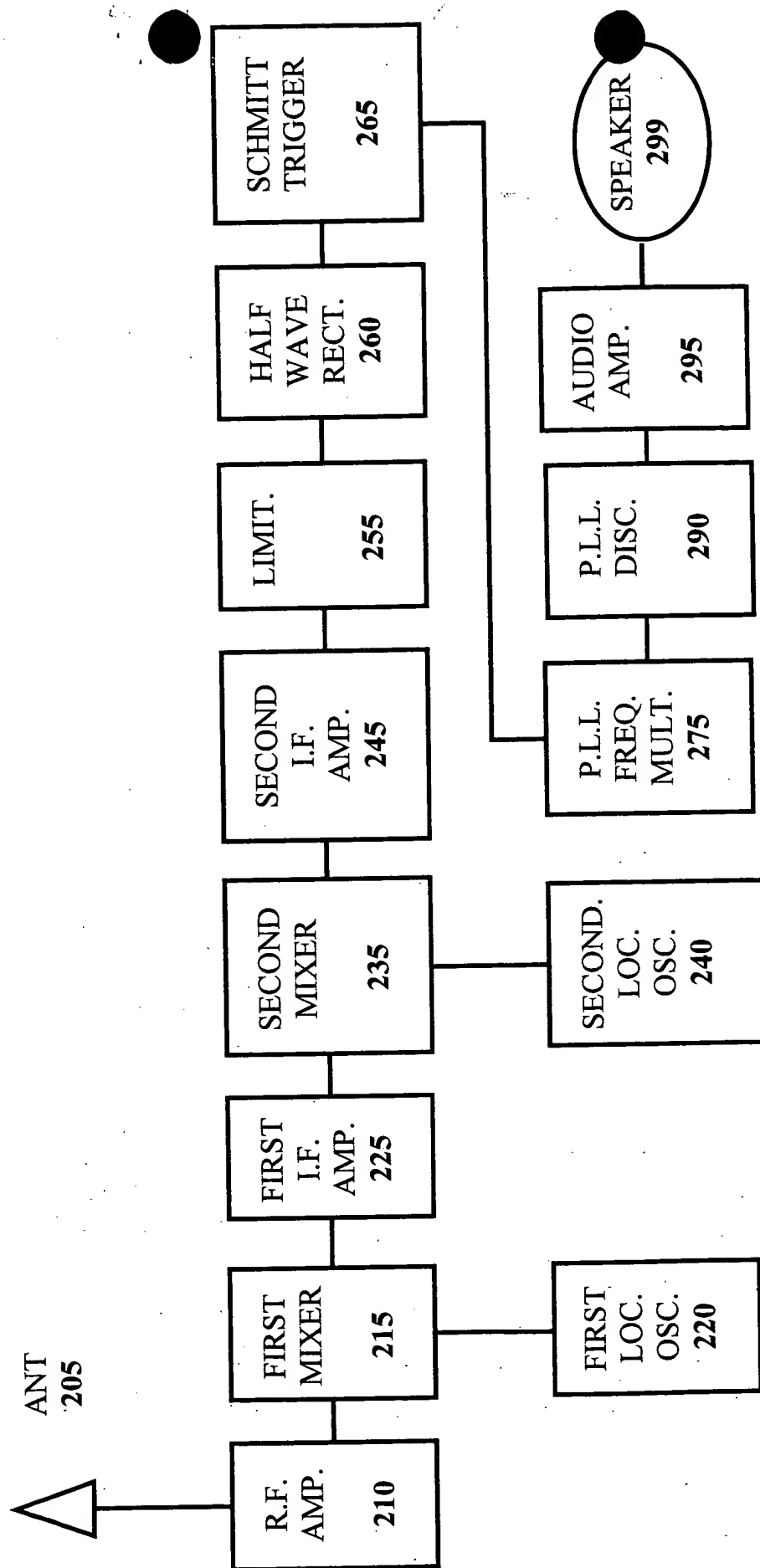


FIG. 8

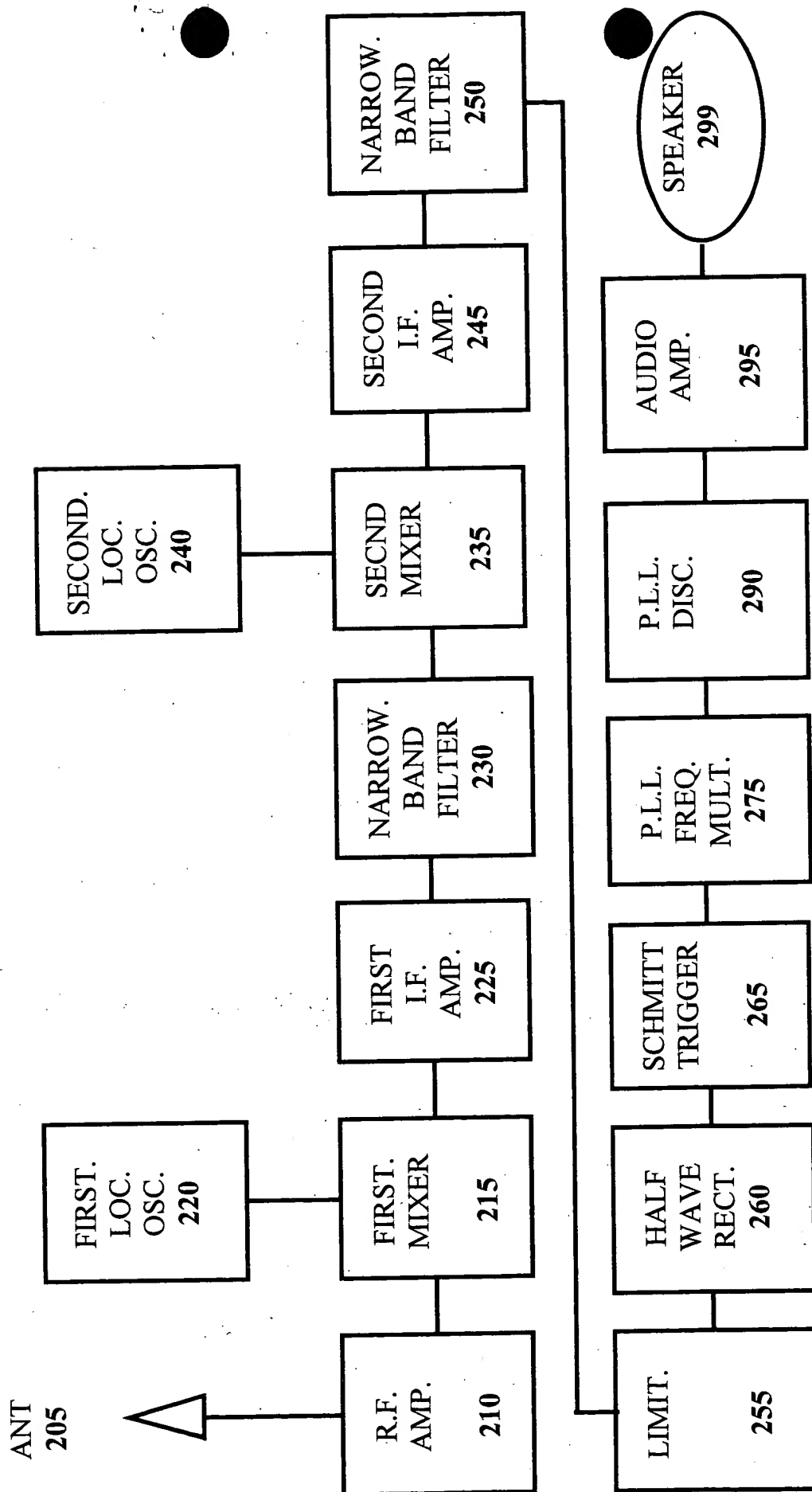


FIG. 9

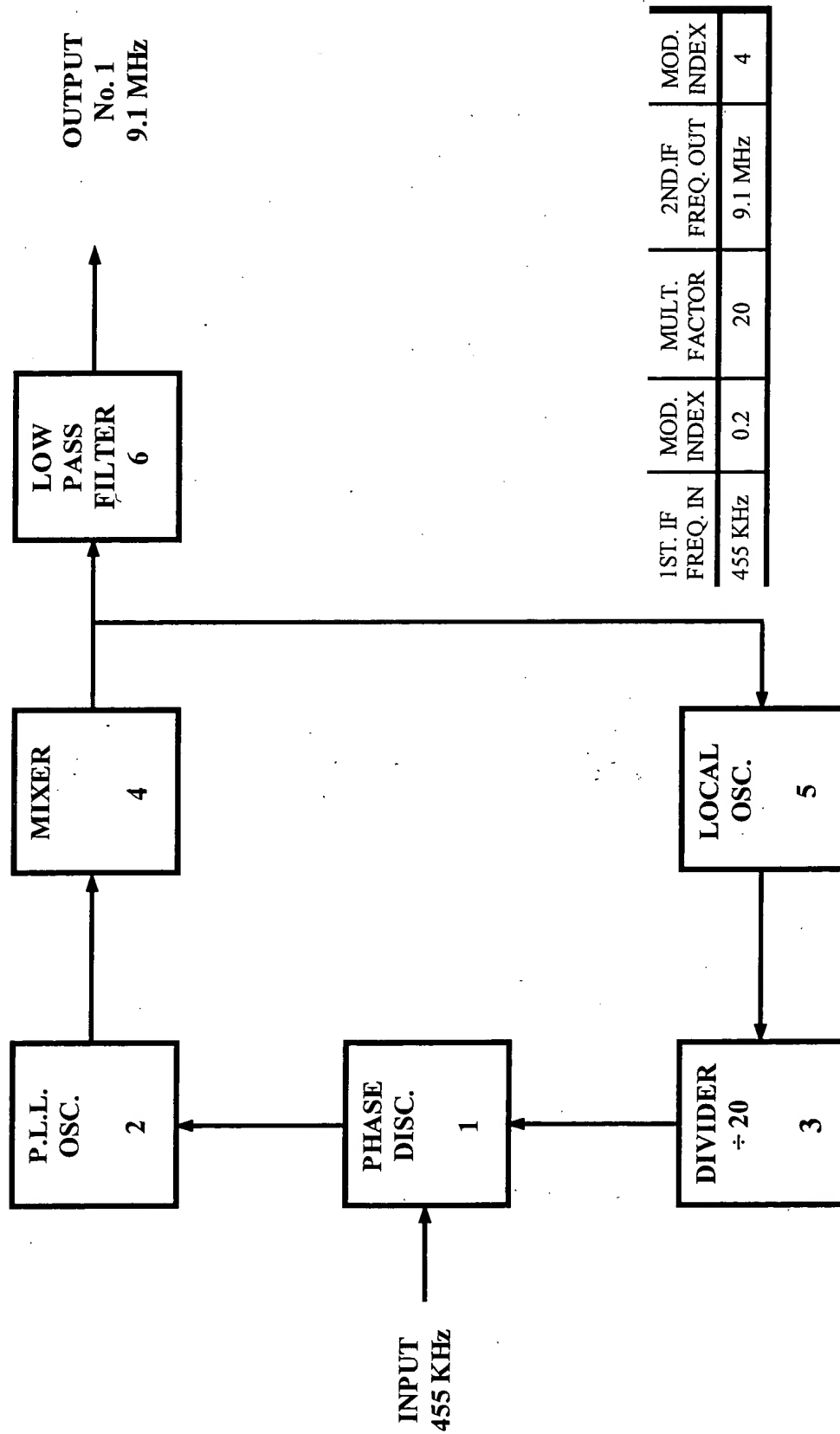


FIG. 10 A

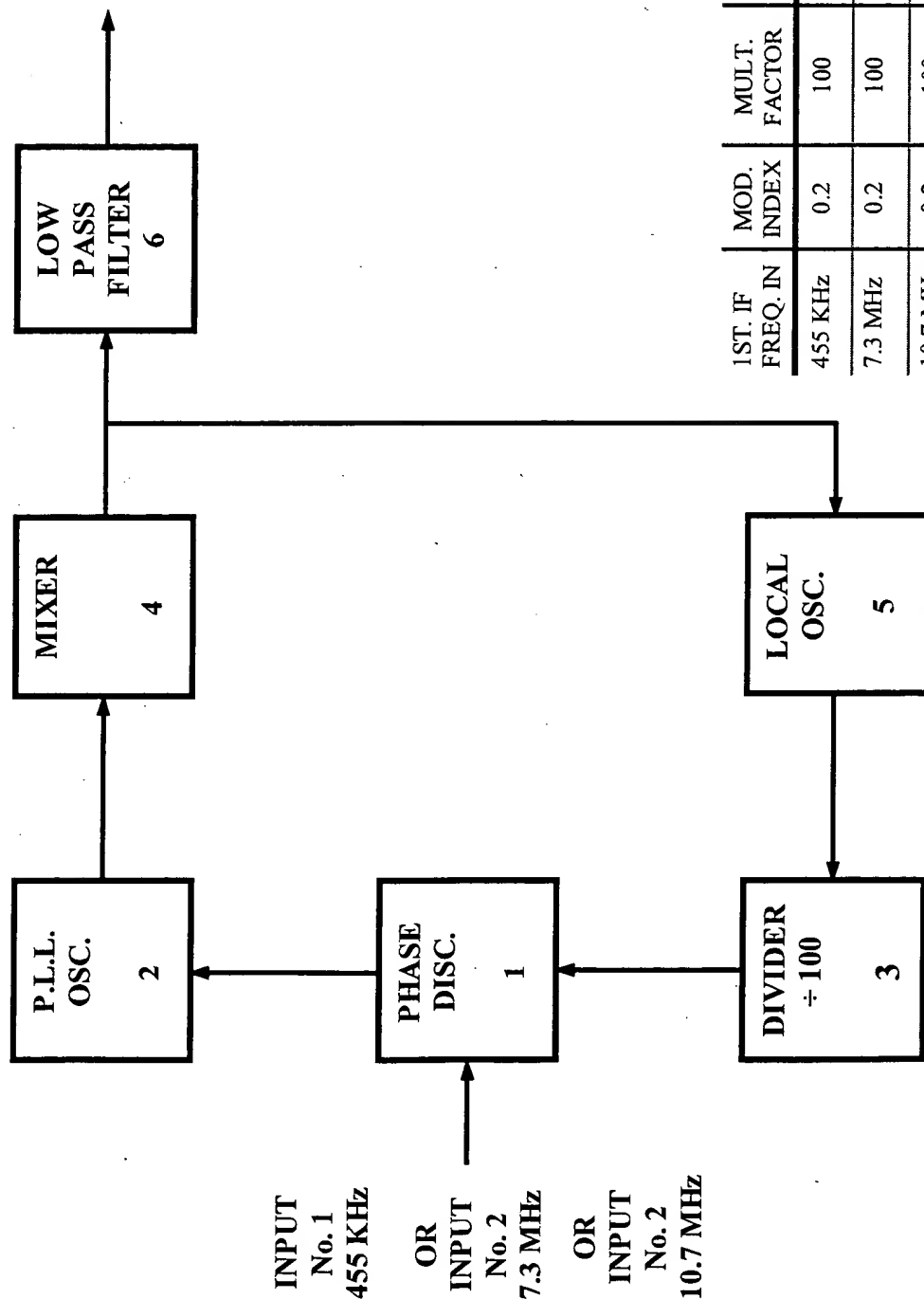
OUTPUT
No. 1
45.5 MHz

OR

OUTPUT
No. 2
730 MHz

OR

OUTPUT
No. 3
1070 MHz



1ST. IF FREQ. IN	MOD. INDEX	MULT. FACTOR	2ND. IF FREQ. OUT	MOD. INDEX
455 KHz	0.2	100	45.5 MHz	20
7.3 MHz	0.2	100	730 MHz	20
10.7 MHz	0.2	100	1070 MHz	20

FIG. 10 B

FIG. 11

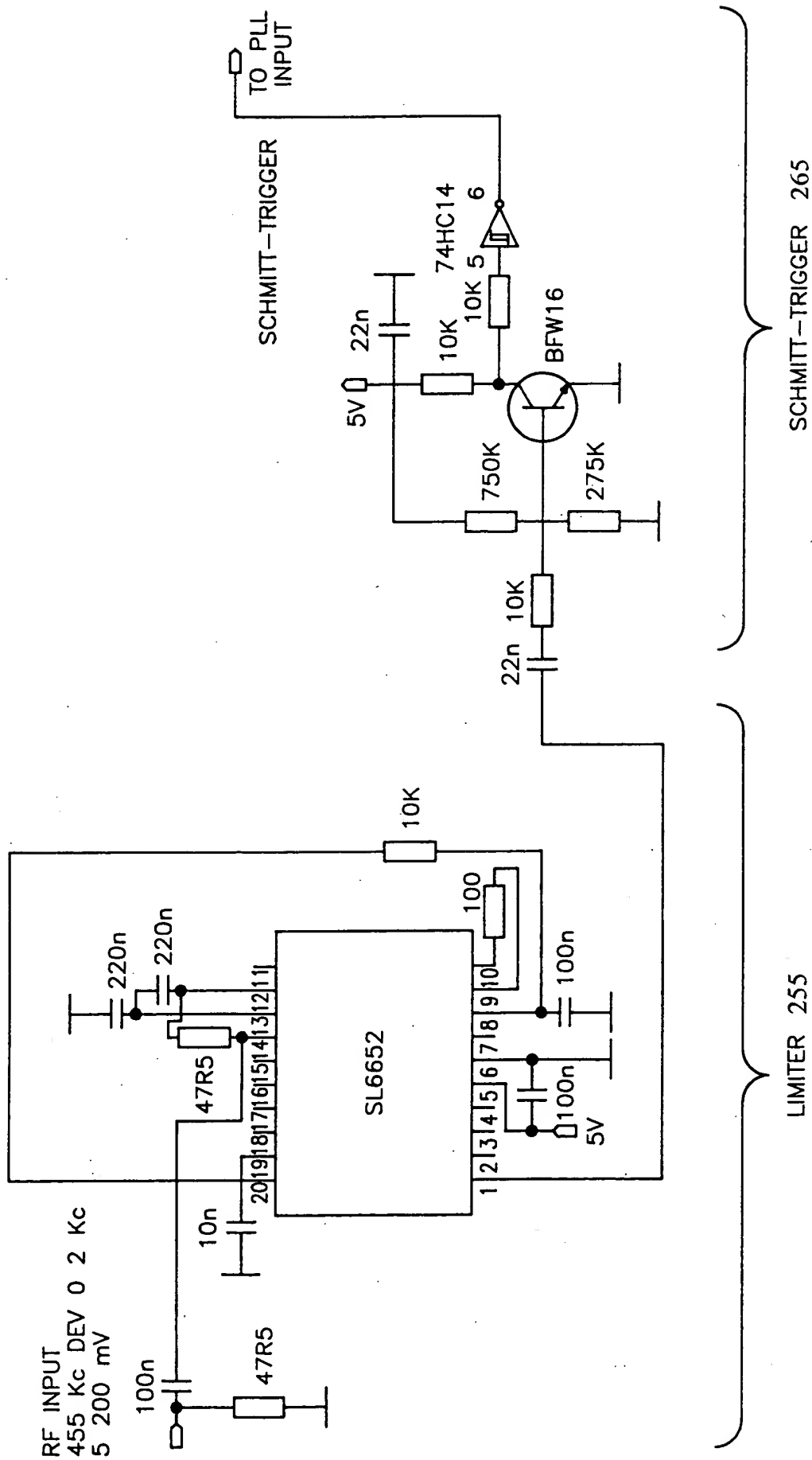
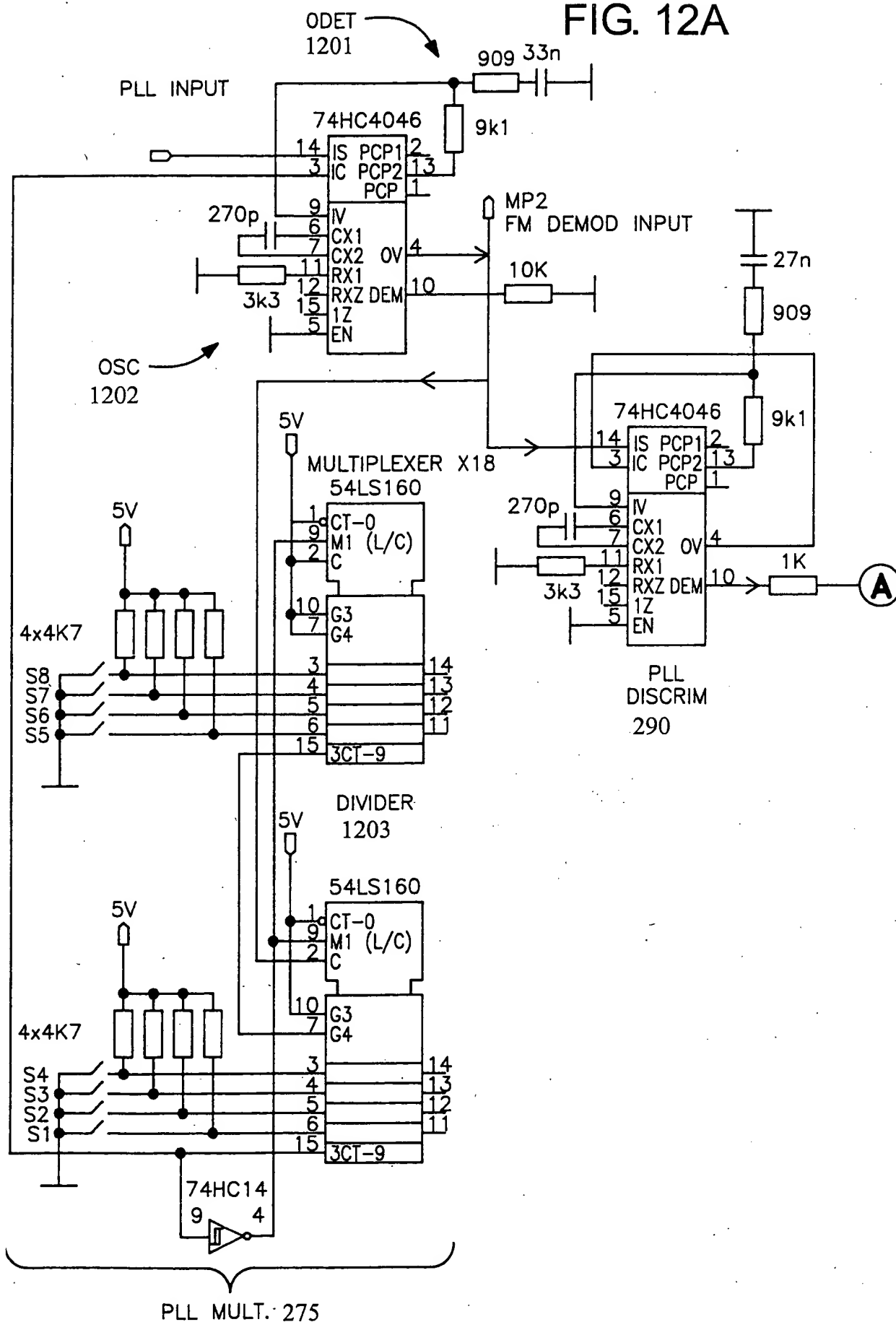
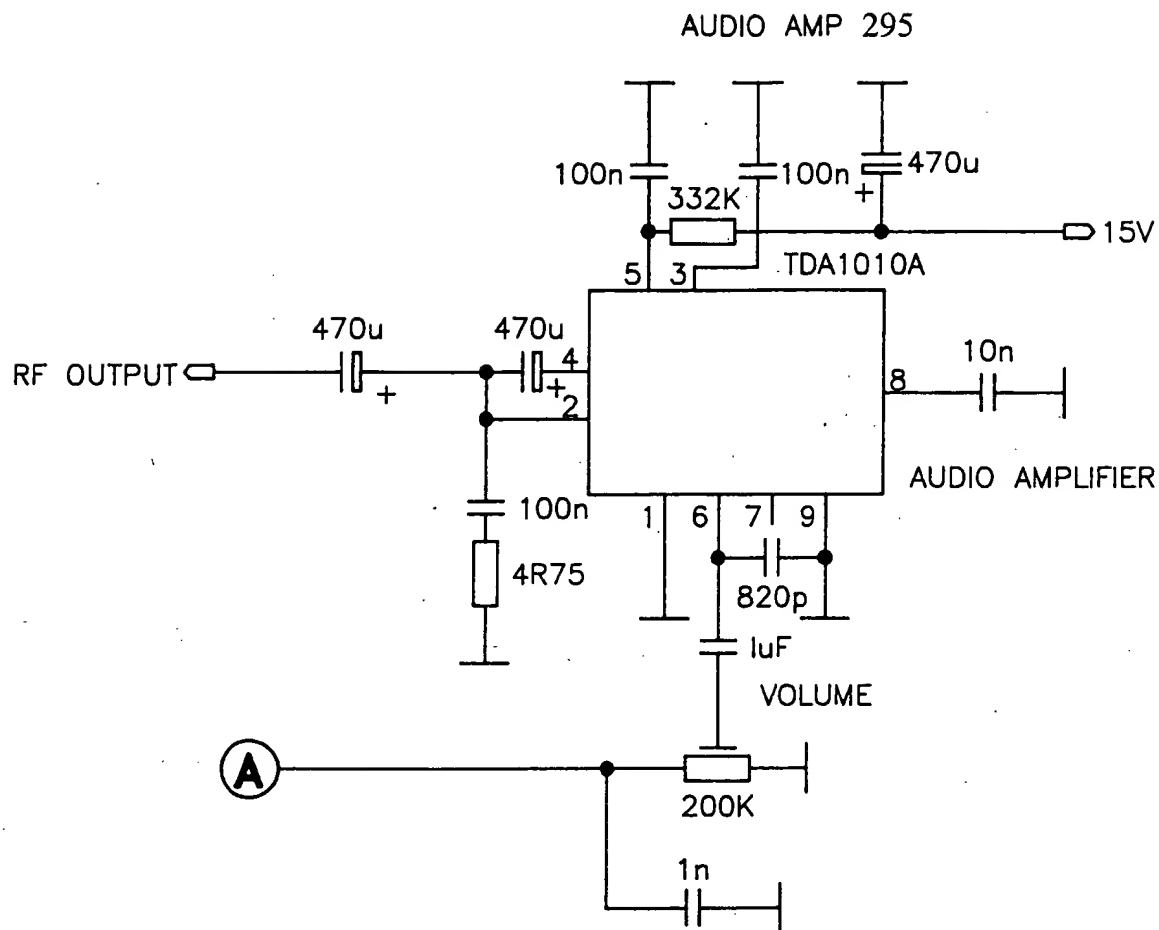


FIG. 12A



PLL MULT. 275

FIG. 12B



4030" 6641860